



**DELTA
FIRE**



DELTA **DF4500** FIXED STATION MONITOR

KEY USERS

- Marine & Off-Shore
- Defence
- Industrials
- Fuel Storage Sites
- Oil & Gas
- Petrochemicals
- Waste Recycling
- Chemical Facilities
- Mining

KEY FACTS

- Corrosion Resistant Bronze Body
- Red Finish RAL3002
- Stainless Steel Rotation Bearings
- 3" Waterway
- 4500 LPM (1190 GPM) Flows
- Adjustable Horizontal & Vertical Elevation
- Cast in Vanes for Minimal Friction Loss
- Lever Operated Control



Oscillating Conversion Kit

Doc Ref: DDS003



DELTA FIRE

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GENERAL DESCRIPTION

The Delta **DF4500 Fixed Station Monitor** is manufactured in the UK from corrosion resistant bronze making it ideal for Marine, Off-Shore and Industrial use with either water or foam.

The full 3" waterway provides flows of up to 4500 LPM (1190 GPM) and can be used with a choice of Delta Monitor Nozzles and Cannons to suit a wide range of specific applications (available separately). The latter are ideally suited for use with the new Flurorine Free Foams.

With full 360° rotation capabilities and adjustable elevation of 90° above and 60° below the horizontal, the DF4500 is infinitely maneuverable via the stainless steel tiller handle. Vertical and Horizontal quick-action locks allow the operator to fix the monitor swiftly to any position. An optional Oscillator Unit is also available.

Easily operated under pressure the DF4500 is the idea monitor for targeted risk protection across a multitude of industry sectors.

The DF4500 is available with either 3" or 4" ANSI 150lb Flanged inlets for use on fixed pipework. Alternative flange inlets such as PN16 are available on request.

THE RANGE

Product Code	Model	Inlet	Outlet	Maximum Flow	Rotation	Elevation	Finish
MON011020	Lever Operated	3" ANSI 150lb Flange	2 ½" BSP Male	4500 LPM (1190 GPM)	360°	90° Above & 60° Below Horizontal	Red RAL3002
MON011025	Lever Operated	4" ANSI 150lb Flange	2 ½" BSP Male	4500 LPM (1190 GPM)	360°	90° Above & 60° Below Horizontal	Red RAL3002

SPECIFICATION

Body	Corrosion Resistant Bronze c/w Red RAL 3002 Finish
Bearings	Corrosion Resistant 316 Stainless Steel
Lubrication	Complete with Grease Nipple for ease of Lubrication
Tiller Arm	Corrosion Resistant Stainless Steel
Flow	Maximum 4500 litres per minute (1190 GPM)
Elevation	+90° to -60°
Rotation	360°
Medium	Water or Firefighting Foam
Inlet	3" or 4" ANSI 150lb F/F Flange
Outlet	2½" BSP Male
Max Pressure	14 bar (200 psi) subject to pressure rating of inlet fitting used

WEIGHTS & DIMENSIONS

Product Code	Flange Size	Height	Width	Depth	Weight
MON011020	3" ANSI 150lb Flange	440mm	310mm	360mm	32kg
MON011025	4" ANSI 150lb Flange	440mm	310mm	360mm	32kg



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MONITOR NOZZLES, CANNONS & OSCILLATORS

Delta's Monitor Nozzles, Cannons & Oscillators are manufactured by us in the UK and designed for use with either our DF4500 Fixed Station Monitor (as detailed above) or our UC2000 Monitor. Delta Foam Cannons are ideally suited for use with the new Fluorine Free Foams.

Our monitor nozzles are available in either bronze (for use in saline-rich corrosive environments) or light alloy (for inland use with fresh water). Both options provide selectable constant flow positions and are fully variable between jet and spray patterns for maximum operator flexibility.

Our foam cannons are available in either stainless steel or light alloy with 5 flow options to choose from. These can be supplied as either standard cannons or with lever-operated foam spreaders (Blabber-Mouths) as required. Both our nozzles and cannons are available in either self inducing or pre-mix variants.



- **Delta DNB1900** (Aluminium Construction) – Available in 2600lpm or 1900lpm models
- **DNB2600** – 1140/1900/2600 lpm @ 7 bar
- **DNB1900** – 550/ 950/1325/1900 lpm @ 7 bar
- Adjustable Flow Baffle for Fixed Flow Settings by easy twist of the Baffle.
- Jet & Spray Functionality
- 2½" BSP Female Inlet Thread



- **Delta DNA1900** (Aluminium Construction) – Available in 2600lpm or 1900lpm models
- **DNA2600** – 1140/1900/2600 lpm @ 7 bar
- **DNA1900** – 550/ 950/1325/1900 lpm @ 7 bar
- Adjustable Flow Baffle for Fixed Flow Settings by easy twist of the Baffle.
- Jet & Spray Functionality



- **Delta Self-Inducing Series** – Available in 2800lpm or 1900lpm models
- **DNB2800S** – 0.5%, 1%, 3% or 6% Induction.
- **DNB1900S** - 1% or 3% Induction.
- Jet & Spray Functionality
- 2½" BSP Female Inlet Thread
- Pick-Up Tube & Stainless Steel Drum Piercer



- **Delta Foam Cannons** - Available in 1500, 2000, 3000 or 4000 lpm Models
- Stainless Steel or Powder Coated Aluminium Construction
- Standard or Self-Inducing Options
- Ideally suited for use with New Fluorine Free Foams
- Long Throw capabilities
- 2½" BSP Female Inlet Thread



- **Delta 'Blabber-Mouth' Foam Cannon** – Available in 1500, 2000, 3000 or 4000 lpm Models
- Dual-Action Foam Spreading Function
- Stainless Steel Construction/ Bronze Nozzle
- 2½" BSP Female Inlet Thread



- **Delta Oscillator Unit** – To Convert the DF4500 Fixed Monitor to an Oscillating Monitor
- Fully Marinised - Manufactured from 316 Stainless Steel
- Bronze Gearbox & Pelton Wheel
- Variable Oscillating Speed & Sweep Angle
- Ideally suited for use in harsh Marine/Offshore environments or corrosive atmospheres
- Easy Operation with Manual Over-ride



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